

## Message Text

LIMITED OFFICIAL USE

PAGE 01 GENEVA 06413 01 OF 02 091505Z

53

ACTION EUR-12

INFO OCT-01 IO-13 ISO-00 CIAE-00 DODE-00 PM-04 H-02 INR-07

L-03 NSAE-00 NSC-05 PA-01 PRS-01 SP-02 SS-15 USIA-06

ACDA-07 TRSE-00 SAJ-01 MC-02 OES-06 /088 W

----- 058627

R 091415Z AUG 76

FM USMISSION GENEVA

TO SECSTATE WASHDC 1781

AMEMBASSY MOSCOW

USMISSION NATO

LIMITED OFFICIAL USE SECTION 1 OF 2 GENEVA 6413

E.O. 11652: N/A

TAGS: PARM, CCD, UR, US

SUBJECT: CCD-SOVIET PAPER ON MDW

AT AUG 9 BILATERAL MEETING ON MDW (REPORTED SEPTTEL),  
SOVIETS HANDED OVER FOLLOWING ENGLISH TRANSLATION OF  
PAPER TO BE PRESENTED AT CCD INFORMAL MEETINGS ON  
SUBJECT:

BEGIN UNOFFICIAL TRANSLATION:

UNION OF SOVIET SOCIALIST REPUBLICS

ON DEFINITIONS OF NEW TYPES OF WEAPONS OF MASS  
DESTRUCTION AND NEW SYSTEMS OF SUCH WEAPONS

DRAFT AGREEMENT ON THE PROHIBITION OF NEW TYPES OF  
WEAPONS OF MASS DESTRUCTION AND NEW SYSTEMS OF SUCH WEAPONS  
SUBMITTED BY THE USSE AT THE THIRTIETH SESSION OF THE UNITED  
NATIONS GENERAL ASSEMBLY (CCD/5II) PROVIDES FOR THAT  
DETERMINATION OF WHAT SHOULD BE INCLUDED UNDER NEW WEAPONS  
OF MASS DESTRUCTION AND NEW SYSTEMS OF SUCH WEAPONS SUBJECT  
TO PROHIBITION BE SPECIFIED THROUGH NEGOTIATIONS ON THE  
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 GENEVA 06413 01 OF 02 091505Z

SUBJECT (ARTICLE I, PARAGRAPH I OF THE DRAFT).

IN THE FOLLOW UP TO THE PRELIMINARY CONSIDERATIONS ON THE QUESTION OF DEFINITION OF NEW TYPES AND SYSTEMS OF WEAPONS OF MASS DESTRUCTION, LAID DOWN BY THE SOVIETS EXPERTS DURING THE SPRING SESSION 1976, THE PRESENT WORKING PAPER WOULD PROPOSE THE FOLLOWING DRAFT DEFINITIONS.

#### I. NEW TYPES OF WEAPONS OF MASS DESTRUCTION

NEW TYPES OF WEAPONS OF MASS DESTRUCTION INCLUDE THE TYPES OF WEAPONS WHICH ARE BASED ON ENTIRELY NEW PRINCIPLES OF ACTION AND EFFECTIVENESS OF WHICH CAN BE COMPARABLE TO OR SURPASSING THAT OF TRADITIONAL TYPES OF WEAPONS OF MASS DESTRUCTION.

ENTIRELY NEW PRINCIPLES OF ACTION IS TO BE UNDERSTOOD AS NEW MODES, OBJECTS AND EFFECTS OF WEAPONS.

MODES OF ACTION IS TO BE UNDERSTOOD AS VARIETIES OF PHYSICAL, CHEMICAL AND BIOLOGICAL IMPACTS.

OBJECTS OF ACTION IS TO BE UNDERSTOOD AS VARIETIES OF OBJECTS, BEING SUBJECTED, FROM VITALLY IMPORTANT ELEMENTS OF THE HUMAN ORGANISME TO ELEMENTS OF ECOLOGICAL AND GEOPHYSICAL ENVIRONMENT, INCLUDING THE VITALLY IMPORTANT FOR HIS EXISTENCE CONSTRUCTIONS AND SYSTEMS.

EFFECTS OF ACTION IS TO BE UNDERSTOOD AS NEW VARIETIES OF DESTRUCTION WHICH LEAD EITHER TO THE IMMEDIATE MASS PERISH OR TO THE GRADUAL DYING OUT OF LARGE GROUPS OF POPULATION.

#### II. NEW SYSTEMS OF WEAPONS OF MASS DESTRUCTION

NEW SYSTEMS OF WEAPONS OF MASS DESTRUCTION (APART FROM SYSTEMS WHICH CAN BE DEVELOPED IN THE FUTURE AFTER THE COMPLETION OF RESEARCH AND DEVELOPMENT OF NEW TYPES OF WEAPONS OF MASS DESTRUCTION) INCLUDE SYSTEMS OF WEAPONS GAINING THE QUALITIES OF WEAPONS OF MASS DESTRUCTION AS A RESULT OF USING NEW TECHNICAL ELEMENTS OF WARFARE OR LOGISTICAL MEANS.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 GENEVA 06413 01 OF 02 091505Z

BRIEF EXPLANATIONS OF THE APPROACH UNDERLYING ABOVE MENTIONED DEFINITIONS ARE CONTAINED IN THE ANNEX.

#### ANNEX

BRIEF EXPLANATIONS OF THE APPROACH UNDERLYING THE DEFINITIONS OF NEW TYPES OF WEAPONS OF MASS

DESTRUCTION AND NEW SYSTEMS OF SUCH WEAPONS

I. NEW TYPES OF WEAPONS OF MASS DESTRUCTION

THE PRINCIPLE OF ACTION OF ANY WEAPON IS DESCRIBED BY MODES, OBJECTS AND BY THE CHARACTER OF ITS EFFECTS. BELOW IS GIVEN THE LIST OF THE CLASSIFYING FEATURES INHERENT TO ANY TYPE OF WEAPONS OF MASS DESTRUCTION. THE DEFINITION OF WHAT TYPE OF WEAPONS CAN BE CLASSIFIED AS NEW TYPES OF WEAPONS OF MASS DESTRUCTION CAN BE MADE ON THE NOVELTY BASIS OF AT LEAST ONE OF THE ABOVE MENTIONED FEATURES.

2. CLASSIFYING FEATURES

A) MODES OF ACTION

PHYSICAL: DIRECT ACTION OF EXPLOSIONS (CRUSHING, THERMIC ETC.), SHOCK WAVES, ACOUSTIC WAVES, ELECTRO-MAGNETIC WAVES OF RADIO-DIAPASON (NON-IONIZED RADIATIONS AND EQUIVALENT RADIATIONS OF CHARGED PARTICLES, ELECTRO-MAGNETIC OF OPTICAL DIAPASON (LIGHT AND INFRA RED RADIATIONS), HARD ELECTRO-MAGNETIC RADIATIONS (IONIZED RADIATIONS, X-RAYS, GAMMA-RAYS ETC. AND EQUIVALENT RADIATIONS OF ELEMENTARY PARTICLES-ELECTRONS, PROTONS, NEUTRONS ETC.).

CHEMICAL: DIRECT IMPACT OF CHEMICAL AGENTS DELIVERED TO THE AFFECTED AREA (TRADITIONAL TYPES OF CHEMICAL IMPACT); IMPACT OF CHEMICAL AGENTS FORMED DIRECTLY IN THE AFFECTED AREA FROM NON-TOXIC AND LOW-TOXIC COMPONENTS DELIVERED TO THE AFFECTED AREA; IMPACT OF CHEMICAL AGENTS FORMED DIRECTLY IN THE AFFECTED AREA FROM NON-TOXIC MEDIUM AND SUBSTANCES PRESENT IN THE AFFECTED AREA.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 GENEVA 06413 01 OF 02 091505Z

LIMITED OFFICIAL USE

NNN

LIMITED OFFICIAL USE

PAGE 01 GENEVA 06413 02 OF 02 091512Z

53

ACTION EUR-12

INFO OCT-01 IO-13 ISO-00 CIAE-00 DODE-00 PM-04 H-02 INR-07

L-03 NSAE-00 NSC-05 PA-01 PRS-01 SP-02 SS-15 USIA-06

ACDA-07 TRSE-00 SAI-01 MC-02 OES-06 /088 W

----- 058694

R 091415Z AUG 76

FM USMISSION GENEVA

TO SECSTATE WASHDC 1782

INFO AMEMBASSY MOSCOW

USMISSION NATO

LIMITED OFFICIAL USE SECTION 2 OF 2 GENEVA 6413

BIOLOGICAL: THE USE OF MICROORGANISMS (MICROBS, RICKITTCIA, VIRUSES ETC.), PLANTS (PARASITIC MYCOTIC PLANTS, WEEDS, ETC.).

B) OBJECTS OF IMPACT

HUMAN BEINGS: MEDIUM OF HUMAN ORGANISM (INTRA-CELL MEDIUM, BLOOD PLAXMA, LIMPHA ETC.), CELLS, TISSUES, ORGANS, THE REPOODUCTORY SYSTEMS OF POSTERITY, THE SYSTEMS OF CONVEYANCE OF INHERITANCE, THE SYSTEM OF BIOLOGICAL DEFENCE (IMMUNITY TO A CERTAIN LEVEL AGAINST SPECIFIC BIOLOGICAL, CHEMICAL, RADIOLOGICAL AND OTHER IMPACTS), HUMAN BEHAVIOUR (IMPACTS ON PSYCHICS, VESTIBULE ETC.), MAN'S POPULATION AS A WHOLE.

HUMAN ENVIRONMENT: EDEPHIC ELEMENTS (SOIL, WATER BASINS ETC.) BIOTA (CULTIVATED VEGETATION AND LIVE-STOCK, WHICH COMPOSE THE BULK OF FOOD BASES AND FOOD STUFF MADE OF THEM), CLIMATE ELEMENTS; GEOPHYSICAL ELEMENTS - LITHOSPHERE OF EARTH (CRUST, UPPER MANTLE) HYDROSPHERE OF EARTH, TROPOSPHERE (CIRCULATION OF ATMOSPHERE, HYDROMETEORS, GAS COMPOSITION ETC.); STRATOSPHERE AND UPPER LAYERS OF ATMOSPHERE (OZONE-SPHERE AND OTHER ELEMENTS); FIELDS OF THE EARTH (GRAVITA-  
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 GENEVA 06413 02 OF 02 091512Z

TIONAL MAGNETIC AND ELECTRO-MAGNETIC), NEAR OUTERSPACE (RADIATION BELTS, EMISSION AND PARTICLES RADIATIONS ETC.).

PRODUCTS OF MAN'S ACTIVITY: VITALLY ESSENTIAL FOR MAN'S EXISTANCE CONSTRUCTIONS AND SYSTEMS.

B) CHARACTER OF EFFECTS

MASS PERISH OF PEOPLE AND POPULATIONS, THEIR DEGRADATION

AND DYING OUT, MASS PERMANENT (IRREVERSIBLE) AND TEMPORARILY LOSS OF CERTAIN HUMAN ABILITIES, DESTRUCTION AND DISABLING OF VITALLY ESSENTIAL CONSTRUCTIONS AND SYSTEMS.

### 3. EXAMPLES OF NEW TYPES OF WEAPONS OF MASS DESTRUCTION

I. INFRASOUND WEAPONS-AS A NEW TYPE OF WEAPONS - AIMED AT INFLECTING INJURIES TO THE INNER ORGANS OF HUMAN BEING BY WAY OF EXPOSURE TO ACOUSTIC RADIATION ARE CHARACTERIZED BY THE NOVELTY OF THE OBJECT OF EXPOSURE (INNER ORGANS OF HUMAN BODY, E.G. CARDIOVASCULAR SYSTEMS), METHOD OF EXPOSURE (INFRASOUND RADIATION) AND NEW EFFECTS (DEATH CAUSED BY ABRUPT FAILURE OF CARDIOVASCULAR SYSTEM).

2. WEAPONS AIMED AT DAMAGING GENITALS SYSTEMS- AS A NEW TYPE OF WEAPONS-ARE CHARACTERIZED BY THE NEW OBJECT OF EXPOSURE (GENITALS SYSTEMS) AND EFFECTS (DYING OUT AS A RESULT OF STERILIZATION), THE METHODS OF EXPOSURE BEING CONVENTIONAL.

3. ETHNIC TYPE OF WEAPONS-AS A NEW TYPE OF WEAPONS - BASED ON THE USE OF BARIOUS AGENTS, AIMED AT SELECTIVE EXTERMINATION OF CERTAIN ETHNIC GROUPS OF THE POPULATION IS CHARACTERIZED BY THE NOVELTY OF ITS EFFECTS (SELECTIVE EXTERMINATION OF CERTAIN ETHNIC GROUPS). THE OBJECT AND METHOD MAY BE CONVENTIONAL.

### 4. NEW SYSTEMS OF WEAPONS OF MASS DESTRUCTION AND THEIR EXAMPLES

ANY WEAPON'S SYSTEM IS A MATERIALIZED FORM OF A SPECIFIC TYPE OF WEAPONS AS A COMPLEX OF WARFARE AND LOGISTICAL MEANS. THIS COMPLEX MAY COMPRISE, FOR EXAMPLE, CARRIER, WEAPON, AMMUNITION, MEANS OF COMMAND, CONTROL COMMUNICATIONS LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 GENEVA 06413 02 OF 02 091512Z

ETC.

DETERMINING FEATURE OF TRANSITION FROM THE TRADITIONAL WEAPONS SYSTEM INTO A NEW SYSTEM OF WEAPONS OF MASS DESTRUCTION IS EMERGING OF NEW CHARACTER OF EFFECTS AS DESCRIBED IN PAR.2"B". THIS MAY BE THE RESULT OF THE USE IN A TRADITIONAL SYSTEM OF A NEW TECHNICAL ELEMENT OF WARFARE AND LOGISTICAL MEANS. TO GIVE ONE EXAMPLE, MISSILE, ARTILLERY, AIRBORNE AND OTHER SYSTEMS OF TRADITIONAL WEAPONS MAY ACQUIRE PROPERTIES OF A NEW SYSTEM OF WEAPONS OF MASS DESTRUCTION WHEN A NEW TECHNICAL ELEMENT IS INTRODUCED, AS IS THE CASE, FOR EXAMPLE, WITH THE AIR-FUEL AMMUNITIONS DESIGNED TO PRODUCE A POWERFUL FUEL-AIR EXPLOSIONS (FAE).

END OF UNOFFICIAL TRANSLATION

CATTO

LIMITED OFFICIAL USE

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** TEXT, DOCUMENTS, POLICIES, ARMS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 09 AUG 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** MartinML  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976GENEVA06413  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Film Number:** D760306-0088  
**From:** GENEVA  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1976/newtext/t19760874/aaaacmpp.tel  
**Line Count:** 279  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ACTION EUR  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 6  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** MartinML  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 07 MAY 2004  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <07 MAY 2004 by ElyME>; APPROVED <01 SEP 2004 by MartinML>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
04 MAY 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** CCD-SOVIET PAPER ON MDW AT AUG 9 BILATERAL MEETING ON MDW (REPORTED SEPTTEL), SOVIETS HANDED OVER FOLLOWING ENGLISH TRANSLATION  
**TAGS:** PARM, UR, US, CCD  
**To:** STATE MOSCOW  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006